## Application No. 10/750,549 TRANSMITTAL FORM Filing Date December 31, 2003 (to be used for all correspondence after initial filing) First Named Inventor Sumeet Sandhu Art Unit Not yet assigned **Examiner Name** Not yet assigned Total Number of Pages in This Submission Attorney Docket Number 42P17433 **ENCLOSURES** (check all that apply) After Allowance Communication to Group Fee Transmittal Form Drawing(s) Appeal Communication to Board of Appeals and Interferences Fee Attached Licensing-related Papers Appeal Communication to Group Petition Amendment / Response (Appeal Notice, Brief, Reply Brief) After Final Petition to Convert a Provisional Application Proprietary Information Affidavits/declaration(s) Power of Attorney, Revocation Change of Correspondence Address Status Letter Extension of Time Request Other Enclosure(s) Terminal Disclaimer (please identify below): Express Abandonment Request Request for Refund Return Postcard Information Disclosure Statement PTO/SB/08 CD, Number of CD(s) Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Remarks Basic Filing Fee Declaration/POA Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Gregory D. Caldwell, Reg. No. 39,926 Individual name BLAKELY, SØKOLOFF, TAYLOR & ZAFMAN LLP Signature February 25, 2004 Date **CERTIFICATE OF MAILING/TRANSMISSION** I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Typed or printed name Tamara M. Simpson Signature Date

February 25, 2004

SE 100' July FEE

## FEE TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

0.00

(\$)

Complete if Known

Application Number 10/750,549

Filing Date December 31, 2003

First Named Inventor Sumeet Sandhu

Examiner Name Not yet assigned

Art Unit Not yet

Attorney Docket No. 42P17433

METHOD OF PAYMENT (check all that apply)	<u> </u>			FE	E CALCULAT	ION (continu	ied)	
☐ Check ☐ Credit card ☐ Money ☐ Other ☒ None	3. A[	DDITIO	NAL	FEE	S			
Deposit Account	Large	Entity	Sma	II Entity	у			
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	– Fe	e Description	า	Fee Paid
Account Number 02-2666	1051	130	2051	65	Surcharge - late filing			
Account Blakely, Sokoloff, Taylor & Zafman LLP	1052	50	2052	25	Surcharge - late pro- cover sheet.	risional filing fee or	r	
Name Blakery, Sokoloff, Taylof & Zafffall LLP	2053	130	2053	130	Non-English specific	ation		
The Commissioner is authorized to (check all that apply)	1812	2,520	1812	2,520	For filing a request for	•	ination	
Charge fee(s) indicated below Credit any overpayments	1804	920 *	1804	920	<ul> <li>Requesting publicati Examiner action</li> </ul>	on of SIR prior to		1
Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.	1805	1,840 *	1805	1,840	* Requesting publicati Examiner action	on of SIR after		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account	1251	110	2251	55	Extension for reply w	ithin first month		
FEE CALCULATION	1252	420	2252	210	Extension for reply w		1	
1. BASIC FILING FEE	1253	950	2253	475	Extension for reply w			
Large Entity Small Entity	1254	1,480	2254	740	Extension for reply w	ithin fourth month		
Fee Fee Fee Fee <u>Fee Description</u> Fee Paic Code (\$)	1255	1,210	2255	605	Extension for reply w	ithin fifth month		
	1404	330	2401	165	Notice of Appeal			
1001 770 2001 385 Utility filing fee 1002 340 2002 170 Design filing fee	1402	330	2402	165	Filing a brief in suppo	ort of an appeal		
- 1003 530 2003 265 Plant filling fee	1403	290	2403	145	Request for oral hea	ring		
1004 770 2004 385 Reissue filing fee	1451	1,510	2451	1,510	Petition to institute a	public use procee	ding	
1005 160 2005 80 Provisional filing fee	1452	110	2452	55	Petition to revive - ur			
SUBTOTAL (1) (\$)	1453	1,330	2453	665	Petition to revive - ur			
O EVERA OLAIM EEEO	1501 1502	1,330	2501	665	Utility issue fee (or re	eissue)		
2. EXTRA CLAIM FEES <sub>Extra</sub> Fee from Claims below Fee Paic		480 640	2502 2503	240 320	Design issue fee Plant issue fee			
Total Claims	1460	130	2460	130	Petitions to the Com	missioner		
Independent 3 = X	1807	50	1807	50	Processing fee under			
Multiple Dependent =	1806	180	1806	180	Submission of Inform	nation Disclosure S	Strat	
Large Entity Small Entity	8021	40	8021	40	Recording each pate property (times numl	nt assignment per		
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	1809	770	1809	385	Filing a submission a			
1202 18 2202 9 Claims in excess of 20					(37 CFR § 1.129(a))			
1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	For each additional in examined (37 CFR §			
1203 290 2203 145 Multiple Dependent claim, if not paid	1801	770	2801	385	Request for Continue		CE)	
1204 86 2204 43 **Reissue independent claims over original patent	1802	900	1802	900	Request for expedite	d examination	·	
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent	Other fee	e (specify)		No.E	of a design application	n		0.00
SUBTOTAL (2) (\$)								
**or number previously paid, if greater, For Reissues, see below	* Reduced	d by Basic	Filing F	ee Paid	l ;	SUBTOTAL (3)	(\$)	0.00
SUBMITTED BY						Comp	lete (if applica	able)
Name (Print/Type) Gregory D. Caldwell		gistratio orney/Age	on No. ent)	] 3	39,926	Telephone	(503) 684	
Signature /// all	1/					Date	02/25	5/04

Docket No.: 42P17433



e the Application of:

SUMEET SANDHU

Application No.: 10/750,549

Filed: December 31, 2003

For: METHODS AND APPARATUS TO

CONTROL TRANSMISSION OF A MULTICARRIER WIRELESS COMMUNICATION CHANNEL THROUGH MULTIPLE ANTENNAS Art Group: Not yet assigned

Examiner: Not yet assigned

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted within three (3) months of filing of the application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOZOF, TAYLOR & ZAFMAN LLP

Gregory D. Caldwell, Reg. No. 39,926

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025

Telephone: (503) 684-6200

Date: February 25, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

AMAIL SIMPSON)
Tamara M. Simpson

Date

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Sheet 1 of

	(	Complete if Known	
	Application Number	10/750,549	
	Filing Date	December 31, 2003	
	First Named Inventor	Sumeet Sandhu	
	Art Unit	Not yet assigned	
_	Examiner Name	Not yet assigned	
	Attorney Docket Number	42P17433	

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code² (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	1	US-6,324,624	11-27-2001	Wolrich et, al.		
	2	US-6,532,509	03-11-2003	Wolrich et, al.		
	3	US-6,560,667	05-06-2003	Wolrich et, al.		
	4	US-6,667,920	12-23-2003	Wolrich et, al.		
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FOREIGN PATENT DOCUMENTS						
Examiner Cite		Foreign Patent Document			Pages, Columns, Lines,	
	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>8</sup> f known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
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Examiner	Date	
Signature	Considere	1

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>&#</sup>x27;Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO			Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			LIDE	Application Number	10/750,549	
			UKE	Filing Date	December 31, 2003	
			ANT	First Named Inventor	Sumeet Sandhu	
				Art Unit	Not yet assigned	
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Sheet	2	of	2	Attorney Docket Number	42P17433	

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
	5	QDR, Next-Genration Network SRAM, 5/14/2001, Pages 1-20				
	6	INTEL, Intel IXP 1200 Network Processor Family, Hardware Reference Manual; August 2001, Pages 1-272				
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Examiner		Date
Signature		Considered

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>&#</sup>x27;Applicant's unique citation designation number. 'Applicant is to place a check mark here if English language Translation is attached.